Week 23 Bio2 Warmups

Match each description with the appropriate nutrient cycle.

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| --- | --- | --- | --- |
| 1. | Does not occur in the atmosphere | a. | nitrogen |
| 2. | Largest reservoir is limestone | b. | phosphorus |
| 3. | Burning of fossil fuels contributes to global warming | c. | carbon |
| 4. | Nitric oxide released by burning fuel causes acid rain |  |  |
| 5. | Plants need the help of bacteria to get nutrient from the atmosphere |  |  |

Listed below are the 5 statements about succession. Choose the term listed in parentheses that will correctly complete the sentence.

|  |  |
| --- | --- |
| 1. | Succession that occurs where no previous ecosystem has existed is (**primary, secondary**). |
| 2. | (**Legumes, Lichens**) are an example of a pioneer species. |
| 3. | An example of a climax community in our area would be a (**grassy field, mature oak forest**). |
| 4. | Dead (**lichens, oak leaves**) would not be found in soil formed during primary succession. |
| 5. | A scientist would visit a (**rainforest, new island**) to study secondary succession. |

List one fact each about any three of the biomes listed below (i.e. location, climate, vegetation type, etc.).

1. Tundra
2. Tropical rainforest
3. Temperate forest
4. Taiga
5. Tropical savanna
6. Chaparral
7. Temperate grassland
8. Desert

Match each description with the correct biome.

|  |  |  |  |
| --- | --- | --- | --- |
| 1. | cold area with coniferous trees | a. | tundra |
| 2. | can be hot or cold, but is always arid | b. | savanna |
| 3. | located at arctic latitudes | c. | desert |
| 4. | tropical area that is generally dry and grassy | d. | taiga |
| 5. | located along the equator and is both wet and warm | e. | tropical rainforest |